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Uploading C:\Program Files\Stnexp\Queries\rkc461.str

L1      STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1              STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY -  AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.


=> d l1 ful
L1 HAS NO ANSWERS
'FUL ' IS NOT A VALID STRUCTURE FORMAT KEYWORD
Structure Formats
SIA ----- Structure Image, Attributes, and map table if it contains
          data.  (Default)
SIM ----- Structure IMage.
SAT ----- Structure ATtributes and map table if it contains data.
SCT ----- Structure Connection Table and map table if it contains
          data.
SDA ----- All Structure DAta (image, attributes, connection table and
          map table if it contains data).
NOS ----- NO Structure data.
ENTER STRUCTURE FORMAT (SIM), NOS:sim
L1              STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY -  AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.


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FULL SEARCH INITIATED 15:05:36 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    514 TO ITERATE

100.0% PROCESSED     514 ITERATIONS                          5 ANSWERS
SEARCH TIME: 00.00.01

L2            5 SEA SSS FUL L1

=> d 1-5

L2   ANSWER 1 OF 5  REGISTRY  COPYRIGHT 2005 ACS on STN
RN   311780-23-1  REGISTRY
ED   Entered STN:  28 Dec 2000
CN   1H-Pyrazole-3-carboxamide, N-ethyl-5-(4-fluorophenyl)-N-(phenylmethyl)-4-
     (4-pyridinyl)- (9CI)  (CA INDEX NAME)
FS   3D CONCORD
MF   C24 H21 F N4 O
SR   CA
LC   STN Files:   CA, CAPLUS, TOXCENTER, USPATFULL
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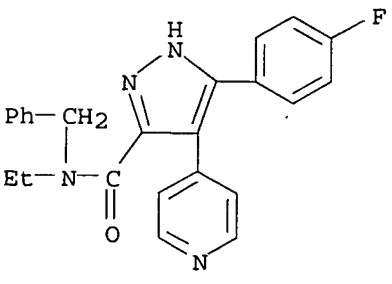

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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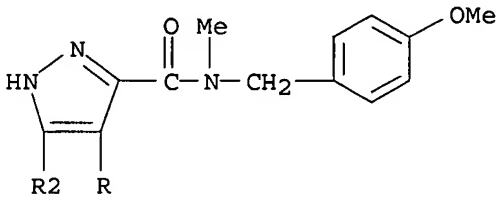
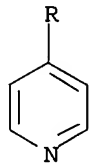
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 2 OF 5 REGISTRY COPYRIGHT 2005 ACS on STN
RN 311780-22-0 REGISTRY
ED Entered STN: 28 Dec 2000
CN 1H-Pyrazole-3-carboxamide, 5-(4-fluorophenyl)-N-[(4-methoxyphenyl)methyl]-N-methyl-4-(4-pyridinyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C24 H21 F N4 O2
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

PAGE 1-A





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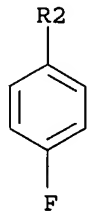

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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 3 OF 5 REGISTRY COPYRIGHT 2005 ACS on STN
RN 311780-21-9 REGISTRY
ED Entered STN: 28 Dec 2000
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FS 3D CONCORD
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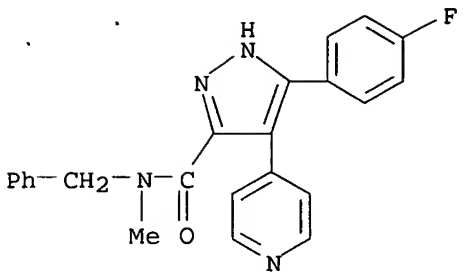
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2005 ACS on STN
RN 311780-20-8 REGISTRY
ED Entered STN: 28 Dec 2000
CN 1H-Pyrazole-3-carboxamide, 5-(4-fluorophenyl)-N-[(2-methoxyphenyl)methyl]-N-methyl-4-(4-pyridinyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C24 H21 F N4 O2
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

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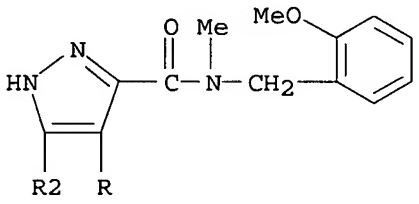

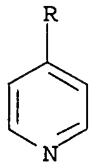

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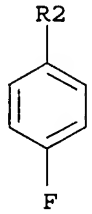


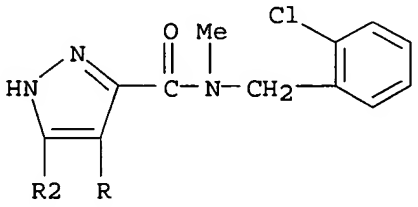
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

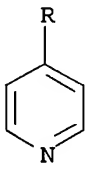
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2005 ACS on STN
RN 311780-19-5 REGISTRY

ED Entered STN: 28 Dec 2000
CN 1H-Pyrazole-3-carboxamide, N-[(2-chlorophenyl)methyl]-5-(4-fluorophenyl)-N-methyl-4-(4-pyridinyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C23 H18 Cl F N4 O
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

PAGE 1-A





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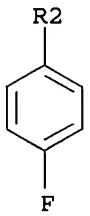

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> fil caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	170.96	171.17

FILE 'CAPLUS' ENTERED AT 15:05:50 ON 07 JUN 2005

FILE COVERS 1907 - 7 Jun 2005 VOL 142 ISS 24
FILE LAST UPDATED: 6 Jun 2005 (20050606/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l2
L3 1 L2

=> d fbib abs fhitstr

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2000:881141 CAPLUS
DN 134:29414
TI Preparation of substituted pyrazole compounds as p38 MAP kinase inhibitors
IN Minami, Nobuyoshi; Sato, Michitaka; Hasumi, Koichi; Yamamoto, Norio; Keino, Katsuyuki; Matsui, Teruaki; Kanada, Arihiro; Ohta, Shuji; Saito, Takahisa; Sato, Shuichiro; Asagarasu, Akira; Doi, Satoshi; Kobayashi, Motohiro; Sato, Jun; Asano, Hajime
PA Teikoku Hormone Mfg. Co., Ltd., Japan
SO PCT Int. Appl., 85 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

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OS MARPAT 134:29414
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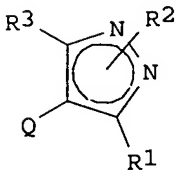


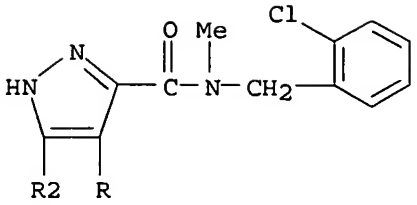
I

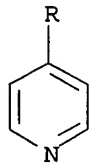
AB Substituted pyrazole compds. of general formula (I; wherein R1 is -CH(OH)-CH(R4)-(A)n-Y, -CH2-CH(R4)-(A)n-Y, -CO-B1-A-Y, or the like (wherein A is lower alkylene; Y is aryl which may be substituted with, e.g., halogeno, or the like; R4 is hydrogen or lower alkyl; B1 is -CH(R4)- or -N(R4)-; and n is 0 or 1); R2 is hydrogen, lower alkyl which may be substituted with hydroxyl or the like, or aralkyl; R3 is Ph which may be substituted with halogeno or the like, or pyridyl; and Q is pyridyl or quinolyl) or salts thereof are prepared These compds. exhibit an excellent p38 MAP kinase inhibiting effect and are useful in the prevention or treatment of tumor necrosis factor α-related diseases, interleukin 1-related diseases, interleukin 6-related diseases, or cyclooxygenase II-related diseases. The above diseases include chronic articular rheumatism, multiple sclerosis, osteoarthritis (arthrosis deformans), psoriasis, HIV, asthma, septic shock, inflammatory intestinal disease, Crohn's disease, Alzheimer's disease, diabetes, cachexia, osteoporosis, graft-vs.-host disease, adult respiratory distress syndrome, arteriosclerosis, gout, glomerulus nephritis (glomerulonephritis), ischemic heart failure, ulcerative colitis, septicemia, cerebral malaria, restenosis, nephritis, systemic lupus erythematosus, thrombosis, bone resorption disease, chronic pulmonary inflammation disease, heart or kidney reperfusion disorder, cancer, Reiter's syndrome, imminent abortion, eczema, homograft rejection, seizure, fever, Behcet's disease, neuralgia, meningitis, sunburn, contact dermatitis, acute synovitis, spondylitis, muscle degeneration, neovascularization, conjunctivitis, psoriatic arthritis, viral myocarditis, pancreatitis, hemorrhage, arthritis, endotoxin shock, parasitic infection, tuberculosis, myocardial infarction, Hansen's disease, diabetic conjunctivitis, irritable bowel syndrome, transplant rejection, burn, bronchitis, ischemic heart disease, pneumonia, remission of swelling, backache (low back pain), pharyngolaryngitis, Kawasaki disease, spinal cord disease, atopic dermatitis, etc. Thus, 3(5)-(4-fluorophenyl)-5(3)-(3-phenylpropyl)-4-(4-pyridyl)pyrazole was dissolved in DMF, treated with NaH at room temperature for 40 min, and alkylated by 2-benzyloxyethyl methanesulfonate at room temperature for 3 h, followed by hydrogenolysis over Pd(OH)2 (Pearlman catalyst) in EtOH and cyclohexane to give a mixture of 5-(4-fluorophenyl)-1-(2-hydroxyethyl)-3-(3-phenylpropyl)-4-(4-pyridyl)pyrazole and 3-(4-fluorophenyl)-1-(2-hydroxyethyl)-5-(3-phenylpropyl)-4-(4-pyridyl)pyrazole. The latter compds. and 3(5)-(4-fluorophenyl)-4-(4-pyridyl)-5(3)-[3-(3-pyridyl)propyl]pyrazole showed IC50 of 0.042 and 0.0000115 nM against p38 MAP kinase, resp.

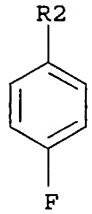
IT **311780-19-5P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of substituted pyrazole compds. as inhibitors of p38 MAP kinase, necrosis factor α, interleukin 1, interleukin 6, or cyclooxygenase II for therapeutics)

RN 311780-19-5 CAPLUS

CN 1H-Pyrazole-3-carboxamide, N-[(2-chlorophenyl)methyl]-5-(4-fluorophenyl)-N-methyl-4-(4-pyridinyl)- (9CI) (CA INDEX NAME)







RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	5.84	177.01

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.73	-0.73

FILE 'REGISTRY' ENTERED AT 15:07:19 ON 07 JUN 2005

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 6 JUN 2005 HIGHEST RN 851745-60-3
DICTIONARY FILE UPDATES: 6 JUN 2005 HIGHEST RN 851745-60-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

****
* *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *

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*                                                                    *
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Crossover limits have been increased.  See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

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Uploading C:\Program Files\Stnexp\Queries\rkc461b.str

L4      STRUCTURE UPLOADED

=> s l4 ful
FULL SEARCH INITIATED 15:08:15 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -     514 TO ITERATE

100.0% PROCESSED     514 ITERATIONS                              5 ANSWERS
SEARCH TIME: 00.00.01

L5            5 SEA SSS FUL L4

=> fil caplus
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                                                   ENTRY    SESSION
FULL ESTIMATED COST                             161.76     338.77

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)    SINCE FILE      TOTAL
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CA SUBSCRIBER PRICE                               0.00      -0.73

FILE 'CAPLUS' ENTERED AT 15:08:21 ON 07 JUN 2005
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FILE COVERS 1907 - 7 Jun 2005  VOL 142 ISS 24
FILE LAST UPDATED: 6 Jun 2005  (20050606/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.

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L6            1 L5

=> d fbib abs fhitstr

L6   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2005 ACS on STN
AN   2000:881141  CAPLUS
DN   134:29414
TI   Preparation of substituted pyrazole compounds as p38 MAP kinase inhibitors
IN   Minami, Nobuyoshi; Sato, Michitaka; Hasumi, Koichi; Yamamoto, Norio;
     Keino, Katsuyuki; Matsui, Teruaki; Kanada, Arihiro; Ohta, Shuji; Saito,
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Takahisa; Sato, Shuichiro; Asagarasu, Akira; Doi, Satoshi; Kobayashi, Motohiro; Sato, Jun; Asano, Hajime

PA Teikoku Hormone Mfg. Co., Ltd., Japan

SO PCT Int. Appl., 85 pp.
CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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W: AU, CA, CN, JP, KR, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
			JP 1999-156683 A	19990603
			JP 1999-157011 A	19990603
CA 2375986	AA	20001214	CA 2000-2375986	20000601
			JP 1999-156683 A	19990603
			JP 1999-157011 A	19990603
			WO 2000-JP3547 W	20000601
EP 1188754	A1	20020320	EP 2000-931639	20000601
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
			JP 1999-156683 A	19990603
			JP 1999-157011 A	19990603
			WO 2000-JP3547 W	20000601
AU 766079	B2	20031009	AU 2000-49522	20000601
			JP 1999-156683 A	19990603
			JP 1999-157011 A	19990603
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			WO 2000-JP3547 W	20000601
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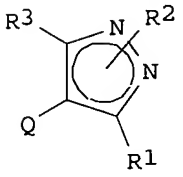
OS MARPAT 134:29414

GI



I

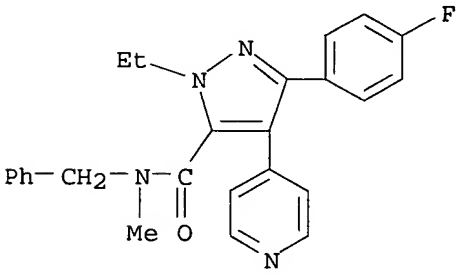
AB Substituted pyrazole compds. of general formula (I; wherein R1 is -CH(OH)-CH(R4)-(A)n-Y, -CH2-CH(R4)-(A)n-Y, -CO-B1-A-Y, or the like (wherein A is lower alkylene; Y is aryl which may be substituted with, e.g., halogeno, or the like; R4 is hydrogen or lower alkyl; B1 is -CH(R4)- or -N(R4)-; and n is 0 or 1); R2 is hydrogen, lower alkyl which may be substituted with hydroxyl or the like, or aralkyl; R3 is Ph which may be substituted with halogeno or the like, or pyridyl; and Q is pyridyl or quinolyl) or salts thereof are prepared These compds. exhibit an excellent p38 MAP kinase inhibiting effect and are useful in the prevention or treatment of tumor necrosis factor α-related diseases, interleukin 1-related diseases, interleukin 6-related diseases, or cyclooxygenase II-related diseases. The above diseases include chronic articular rheumatism, multiple sclerosis, osteoarthritis (arthrosis deformans), psoriasis, HIV, asthma, septic shock, inflammatory intestinal disease, Crohn's disease, Alzheimer's disease, diabetes, cachexia, osteoporosis, graft-vs.-host disease, adult respiratory distress syndrome,

arteriosclerosis, gout, glomerulus nephritis (glomerulonephritis), ischemic heart failure, ulcerative colitis, septicemia, cerebral malaria, restenosis, nephritis, systemic lupus erythematosus, thrombosis, bone resorption disease, chronic pulmonary inflammation disease, heart or kidney reperfusion disorder, cancer, Reiter's syndrome, imminent abortion, eczema, homograft rejection, seizure, fever, Behcet's disease, neuralgia, meningitis, sunburn, contact dermatitis, acute synovitis, spondylitis, muscle degeneration, neovascularization, conjunctivitis, psoriatic arthritis, viral myocarditis, pancreatitis, hemorrhage, arthritis, endotoxin shock, parasitic infection, tuberculosis, myocardial infarction, Hansen's disease, diabetic conjunctivitis, irritable bowel syndrome, transplant rejection, burn, bronchitis, ischemic heart disease, pneumonia, remission of swelling, backache (low back pain), pharyngolaryngitis, Kawasaki disease, spinal cord disease, atopic dermatitis, etc. Thus, 3(5)-(4-fluorophenyl)-5(3)-(3-phenylpropyl)-4-(4-pyridyl)pyrazole was dissolved in DMF, treated with NaH at room temperature for 40 min, and alkylated by 2-benzyloxyethyl methanesulfonate at room temperature for 3 h, followed by hydrogenolysis over Pd(OH)2 (Pearlman catalyst) in EtOH and cyclohexane to give a mixture of 5-(4-fluorophenyl)-1-(2-hydroxyethyl)-3-(3-phenylpropyl)-4-(4-pyridyl)pyrazole and 3-(4-fluorophenyl)-1-(2-hydroxyethyl)-5-(3-phenylpropyl)-4-(4-pyridyl)pyrazole. The latter compds. and 3(5)-(4-fluorophenyl)-4-(4-pyridyl)-5(3)-[3-(3-pyridyl)propyl]pyrazole showed IC50 of 0.042 and 0.0000115 nM against p38 MAP kinase, resp.

IT **311780-24-2P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of substituted pyrazole compds. as inhibitors of p38 MAP kinase, necrosis factor α, interleukin 1, interleukin 6, or cyclooxygenase II for therapeutics)

RN 311780-24-2 CAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-ethyl-3-(4-fluorophenyl)-N-methyl-N-(phenylmethyl)-4-(4-pyridinyl)- (9CI) (CA INDEX NAME)



RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	5.39	344.16

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.73	-1.46

FILE 'REGISTRY' ENTERED AT 15:08:56 ON 07 JUN 2005

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 6 JUN 2005 HIGHEST RN 851745-60-3
DICTIONARY FILE UPDATES: 6 JUN 2005 HIGHEST RN 851745-60-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

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**********************************************************************
*                                                                    *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,    *
* effective March 20, 2005.  A new display format, IDERL, is now     *
* available and contains the CA role and document type information.  *
*                                                                    *
**********************************************************************
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Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\Program Files\Stnexp\Queries\rkc461c.str

L7   STRUCTURE UPLOADED

=> s l7 ful
FULL SEARCH INITIATED 15:10:33 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   658 TO ITERATE

100.0% PROCESSED   658 ITERATIONS   16 ANSWERS
SEARCH TIME: 00.00.01

L8   16 SEA SSS FUL L7

=> fil caplus
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                   ENTRY   SESSION
FULL ESTIMATED COST   162.19   506.35

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)   SINCE FILE   TOTAL
                                                   ENTRY   SESSION
CA SUBSCRIBER PRICE   0.00   -1.46

FILE 'CAPLUS' ENTERED AT 15:10:39 ON 07 JUN 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 7 Jun 2005 VOL 142 ISS 24
FILE LAST UPDATED: 6 Jun 2005 (20050606/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l8
L9 1 L8

=> d fbib abs fhitstr

L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2000:881141 CAPLUS
DN 134:29414
TI Preparation of substituted pyrazole compounds as p38 MAP kinase inhibitors
IN Minami, Nobuyoshi; Sato, Michitaka; Hasumi, Koichi; Yamamoto, Norio; Keino, Katsuyuki; Matsui, Teruaki; Kanada, Arihiro; Ohta, Shuji; Saito, Takahisa; Sato, Shuichiro; Asagarasu, Akira; Doi, Satoshi; Kobayashi, Motohiro; Sato, Jun; Asano, Hajime
PA Teikoku Hormone Mfg. Co., Ltd., Japan
SO PCT Int. Appl., 85 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
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OS MARPAT 134:29414
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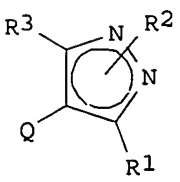


I

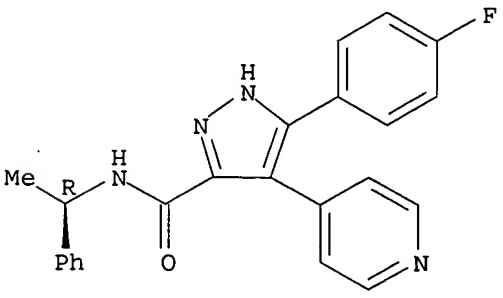
AB Substituted pyrazole compds. of general formula (I; wherein R1 is -CH(OH)-CH(R4)-(A)n-Y, -CH2-CH(R4)-(A)n-Y, -CO-B1-A-Y, or the like (wherein A is lower alkylene; Y is aryl which may be substituted with, e.g., halogeno, or the like; R4 is hydrogen or lower alkyl; B1 is -CH(R4)- or -N(R4)-; and n is 0 or 1); R2 is hydrogen, lower alkyl which may be substituted with hydroxyl or the like, or aralkyl; R3 is Ph which may be substituted with halogeno or the like, or pyridyl; and Q is pyridyl or quinolyl) or salts thereof are prepared These compds. exhibit an excellent p38 MAP kinase inhibiting effect and are useful in the prevention or treatment of tumor necrosis factor α-related diseases, interleukin 1-related diseases, interleukin 6-related diseases, or cyclooxygenase II-related diseases. The above diseases include chronic articular rheumatism, multiple sclerosis, osteoarthritis (arthrosis deformans), psoriasis, HIV, asthma, septic shock, inflammatory intestinal disease, Crohn's disease, Alzheimer's disease, diabetes, cachexia, osteoporosis, graft-vs.-host disease, adult respiratory distress syndrome, arteriosclerosis, gout, glomerulus nephritis (glomerulonephritis), ischemic heart failure, ulcerative colitis, septicemia, cerebral malaria, restenosis, nephritis, systemic lupus erythematosus, thrombosis, bone resorption disease, chronic pulmonary inflammation disease, heart or kidney reperfusion disorder, cancer, Reiter's syndrome, imminent abortion, eczema, homograft rejection, seizure, fever, Behcet's disease, neuralgia, meningitis, sunburn, contact dermatitis, acute synovitis, spondylitis, muscle degeneration, neovascularization, conjunctivitis, psoriatic arthritis, viral myocarditis, pancreatitis, hemorrhage, arthritis, endotoxin shock, parasitic infection, tuberculosis, myocardial infarction, Hansen's disease, diabetic conjunctivitis, irritable bowel syndrome, transplant rejection, burn, bronchitis, ischemic heart disease, pneumonia, remission of swelling, backache (low back pain), pharyngolaryngitis, Kawasaki disease, spinal cord disease, atopic dermatitis, etc. Thus, 3(5)-(4-fluorophenyl)-5(3)-(3-phenylpropyl)-4-(4-pyridyl)pyrazole was dissolved in DMF, treated with NaH at room temperature for 40 min, and alkylated by 2-benzyloxyethyl methanesulfonate at room temperature for 3 h, followed by hydrogenolysis over Pd(OH)2 (Pearlman catalyst) in EtOH and cyclohexane to give a mixture of 5-(4-fluorophenyl)-1-(2-hydroxyethyl)-3-(3-phenylpropyl)-4-(4-pyridyl)pyrazole and 3-(4-fluorophenyl)-1-(2-hydroxyethyl)-5-(3-phenylpropyl)-4-(4-pyridyl)pyrazole. The latter compds. and 3(5)-(4-fluorophenyl)-4-(4-pyridyl)-5(3)-[3-(3-pyridyl)propyl]pyrazole showed IC50 of 0.042 and 0.0000115 nM against p38 MAP kinase, resp.

IT **311780-13-9P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of substituted pyrazole compds. as inhibitors of p38 MAP kinase, necrosis factor α, interleukin 1, interleukin 6, or cyclooxygenase II for therapeutics)

RN 311780-13-9 CAPLUS

CN 1H-Pyrazole-3-carboxamide, 5-(4-fluorophenyl)-N-[(1R)-1-phenylethyl]-4-(4-pyridinyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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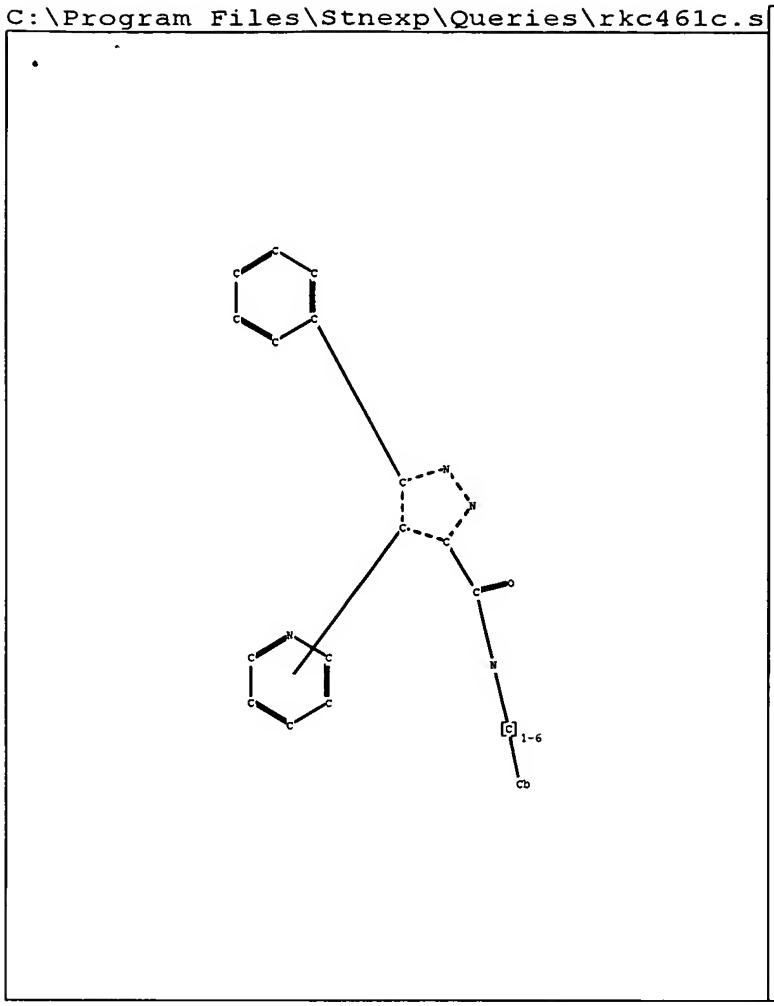

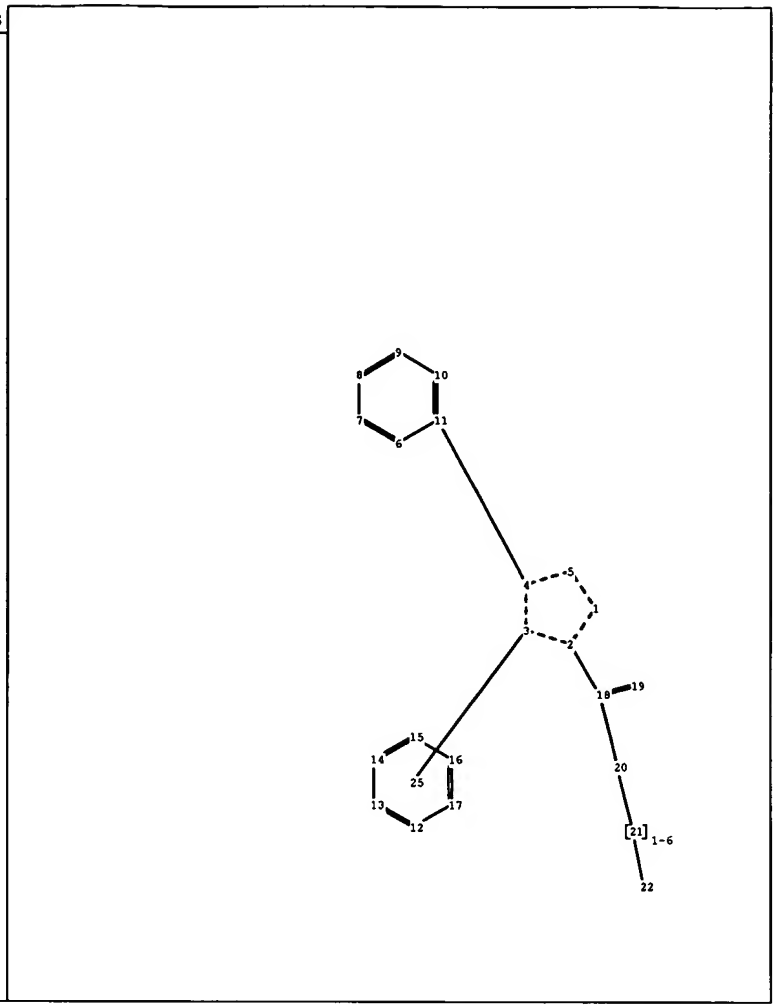

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ring bonds :
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13-14 14-15 15-16 16-17
exact/norm bonds :
1-2 1-5 2-3 3-4 4-5 18-19 18-20 20-21
exact bonds :
2-18 4-11 21-22
normalized bonds :
6-7 6-11 7-8 8-9 9-10 10-11 12-13 12-17 13-14 14-15 15-16 16-17

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom
10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom
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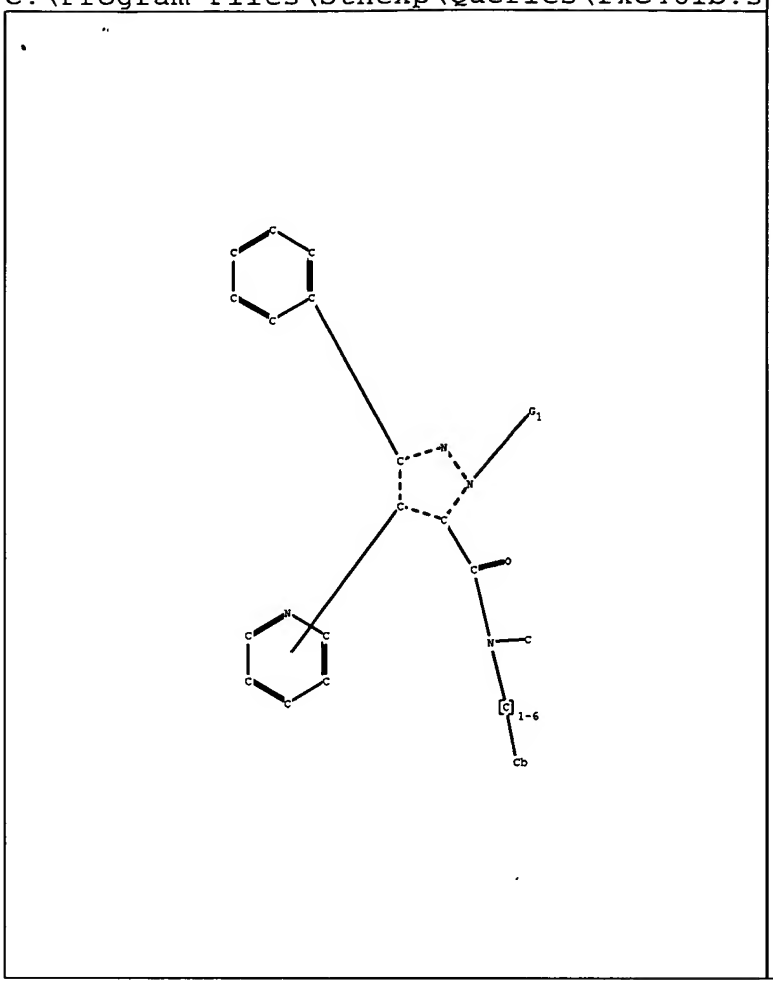

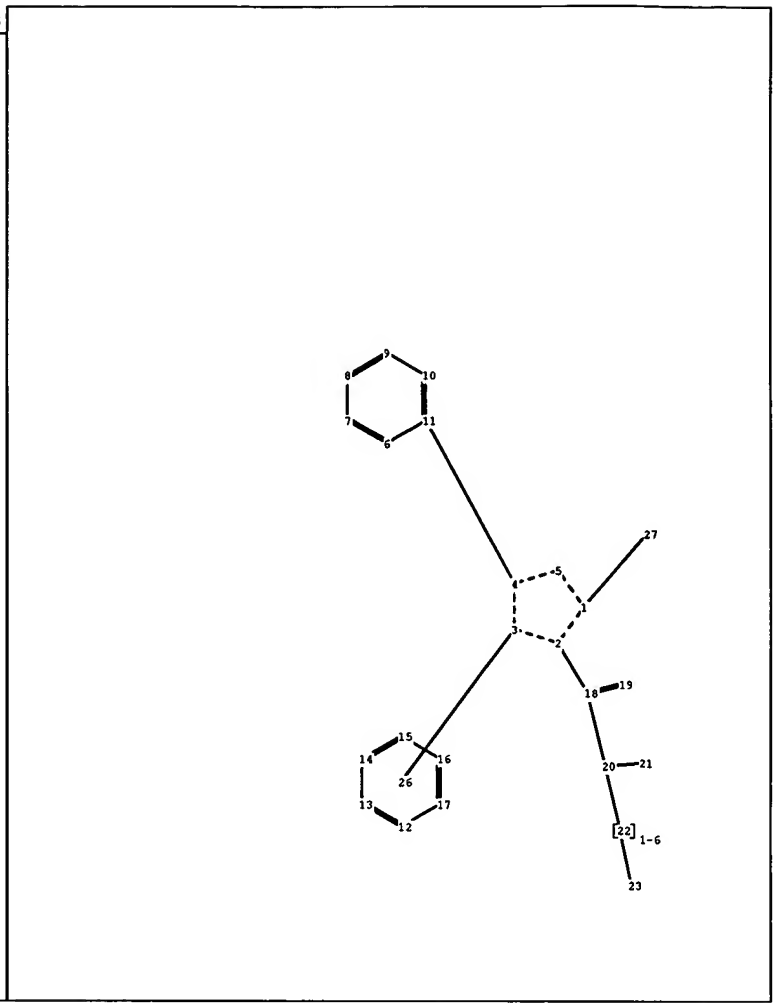

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ring bonds :
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13-14 14-15 15-16 16-17
exact/norm bonds :
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exact bonds :
2-18 4-11 22-23
normalized bonds :
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G1:H,CH3,Et,n-Pr,n-Bu,NH2

Match level :
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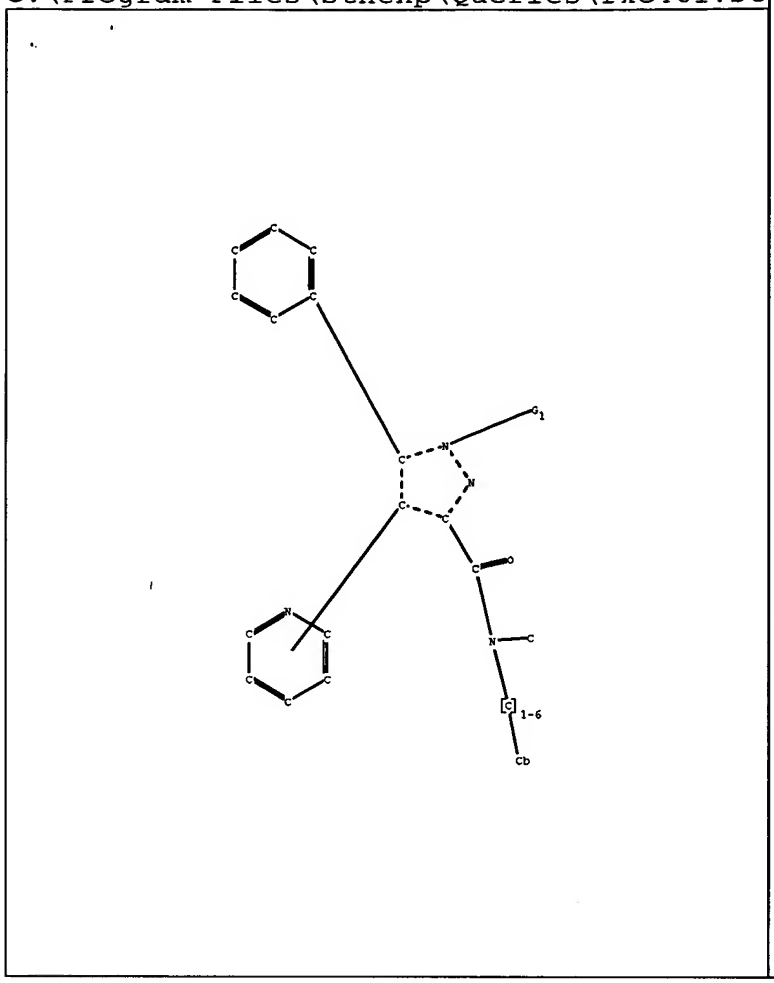

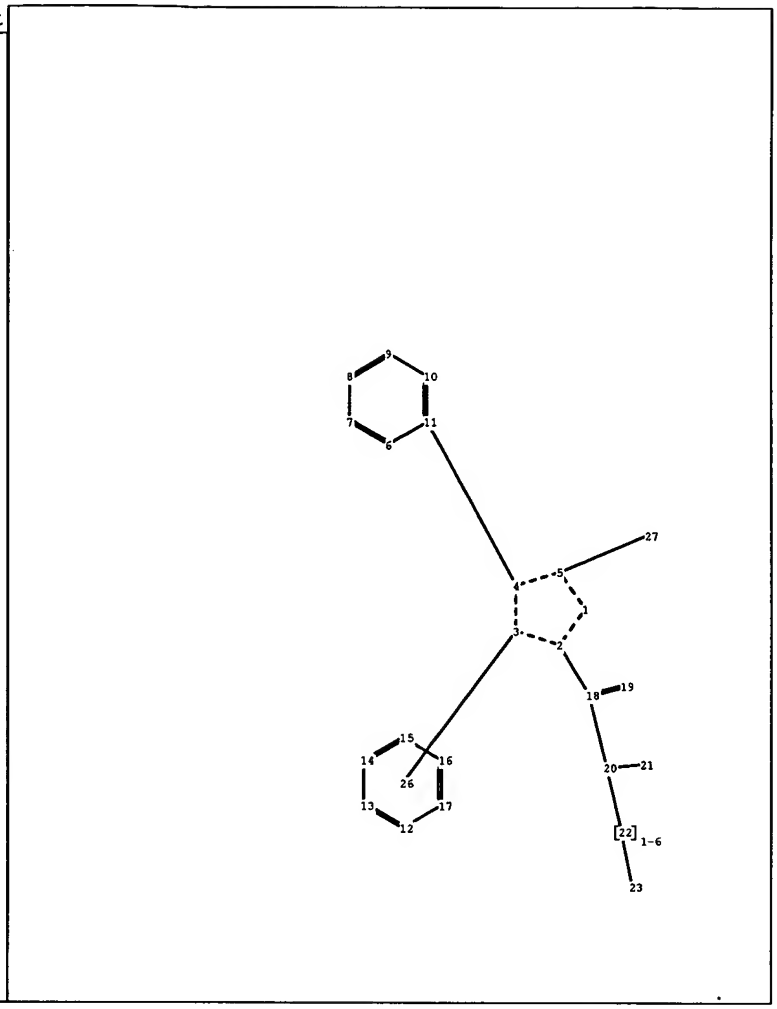

chain nodes :
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G1:H,CH3,Et,n-Pr,n-Bu,NH2

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